rhIGF-I
pH Screen Study
% Main Peak by CN-RP-HPLC
50°C

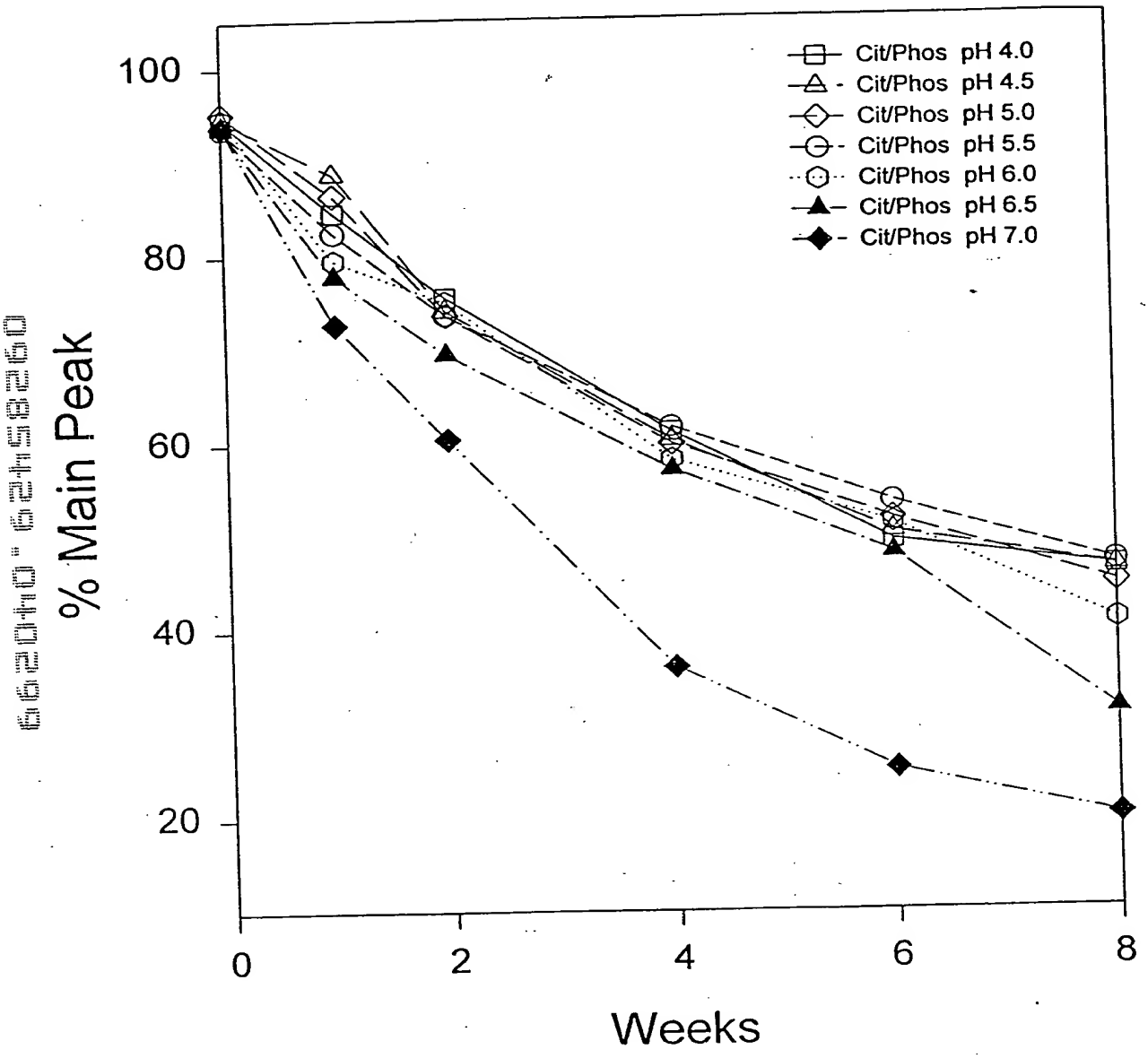

Figure 1

rhIGF-I
pH Screen Study
% Activity by Mitogenic Bioassay
50°C

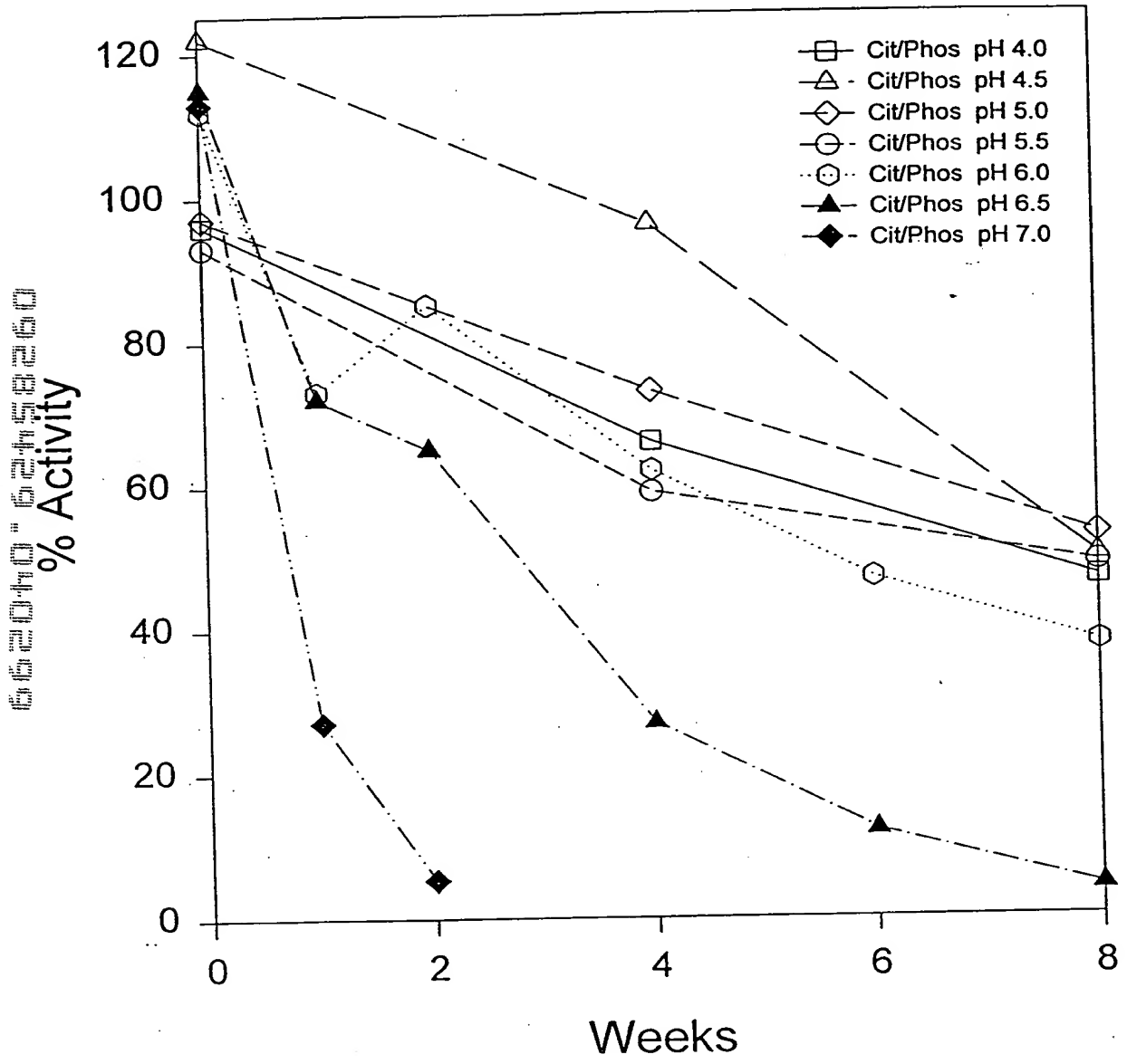

Figure 2

rhIGF-I
Buffer Compatibility Study
% Main Peak by CN-RP-HPLC
50°C

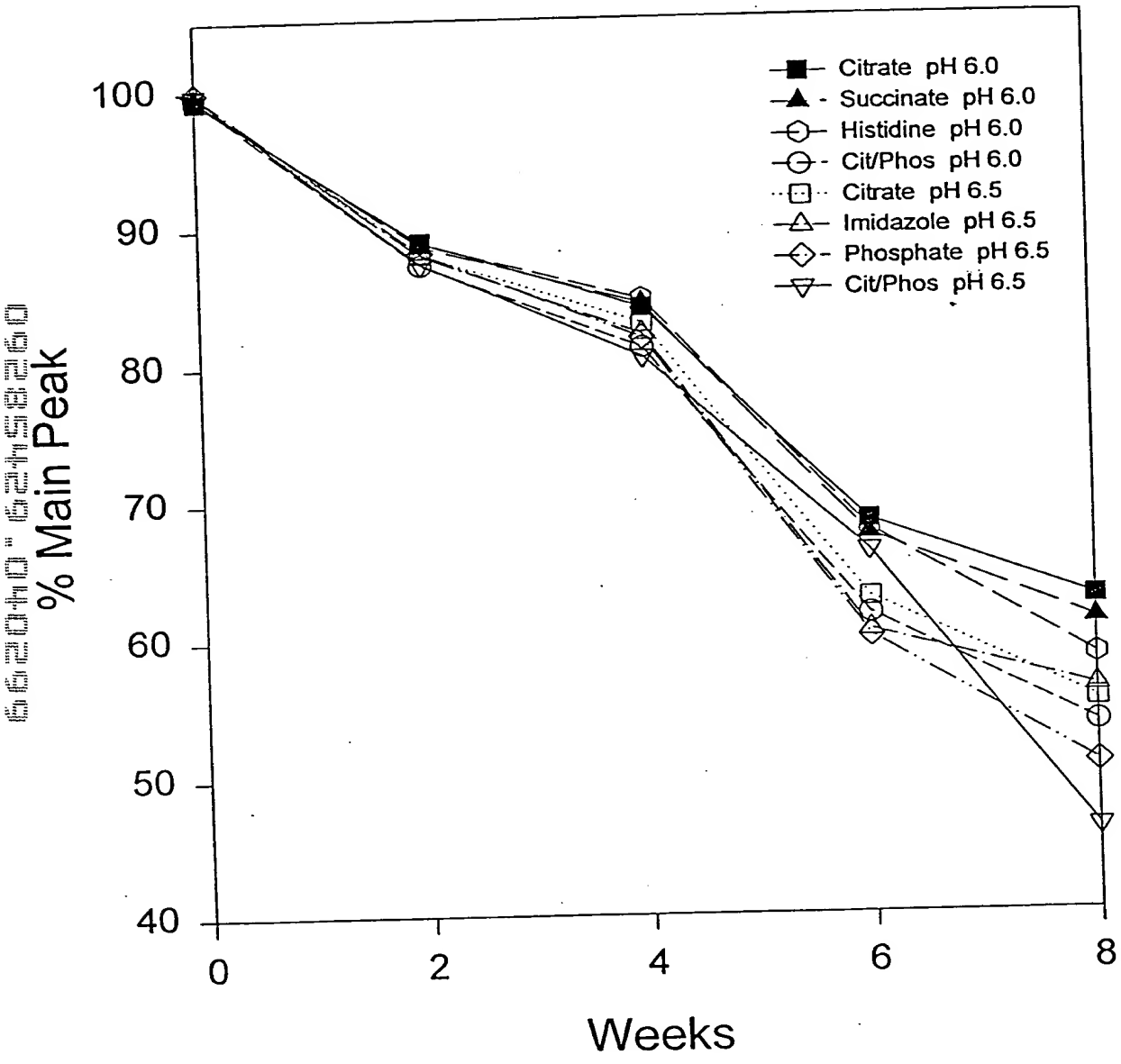

Figure 3

rhIGF-I
Buffer Compatibility Study
% Monomer by Non-reducing SDS-PAGE
50°C

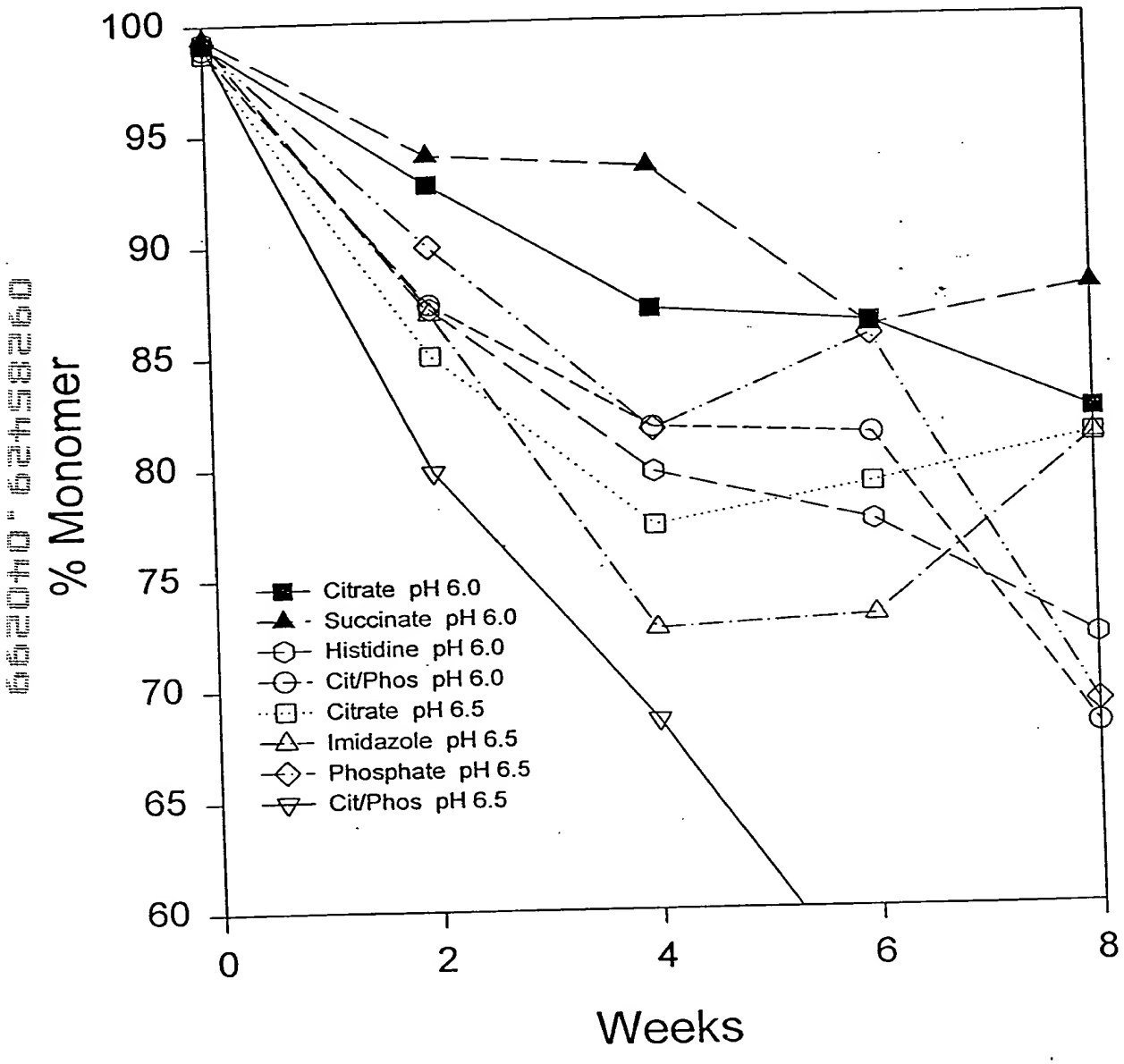

Figure 4

rhIGF-1
Citrate-Succinate Concentration Study
% Monomer by Non-Reducing SDS-PAGE
50°C

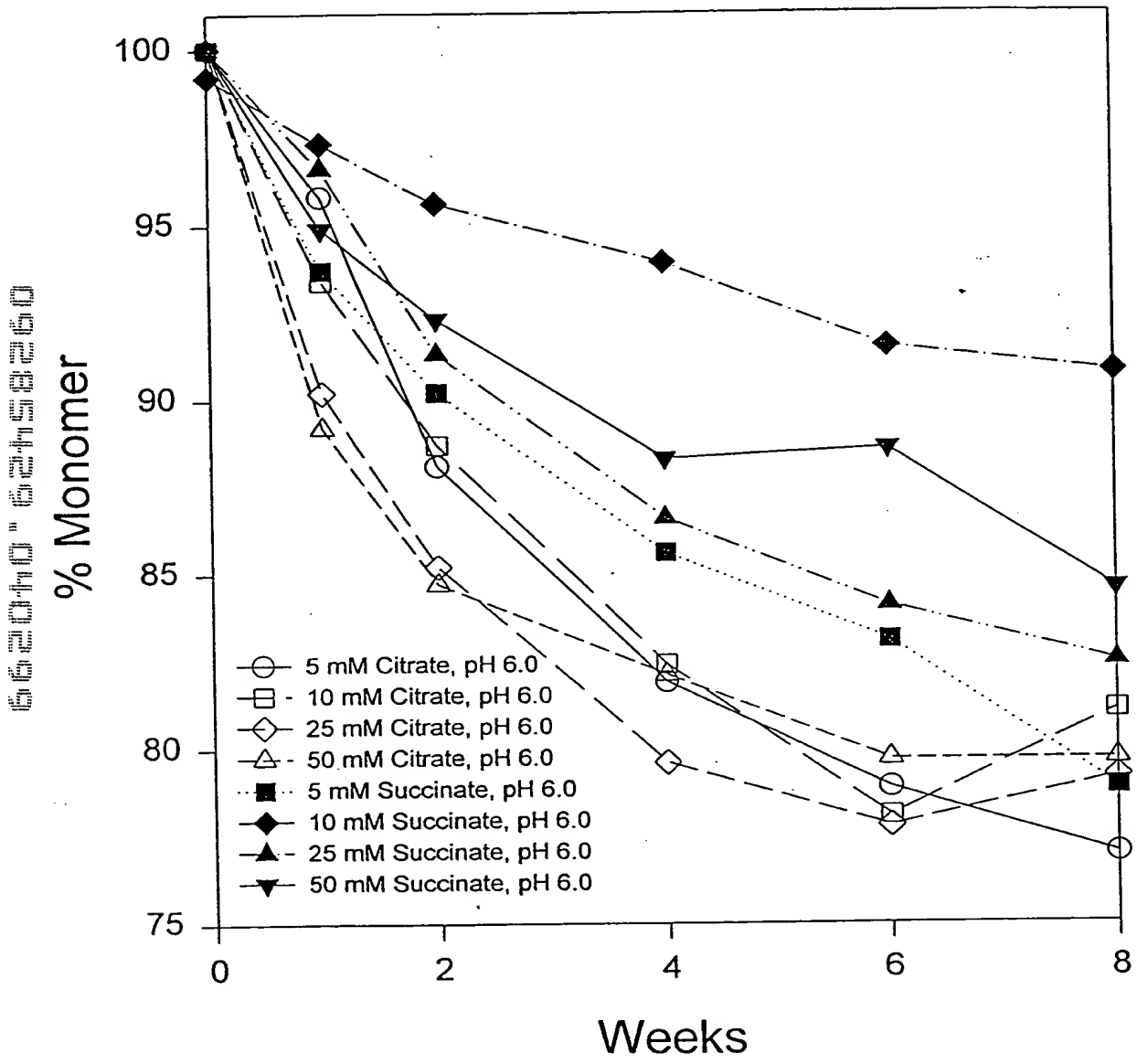

Figure 5

rhIGF-1
Citrate-Succinate Concentration Study
% Activity by Mitogenic Bioassay
50°C

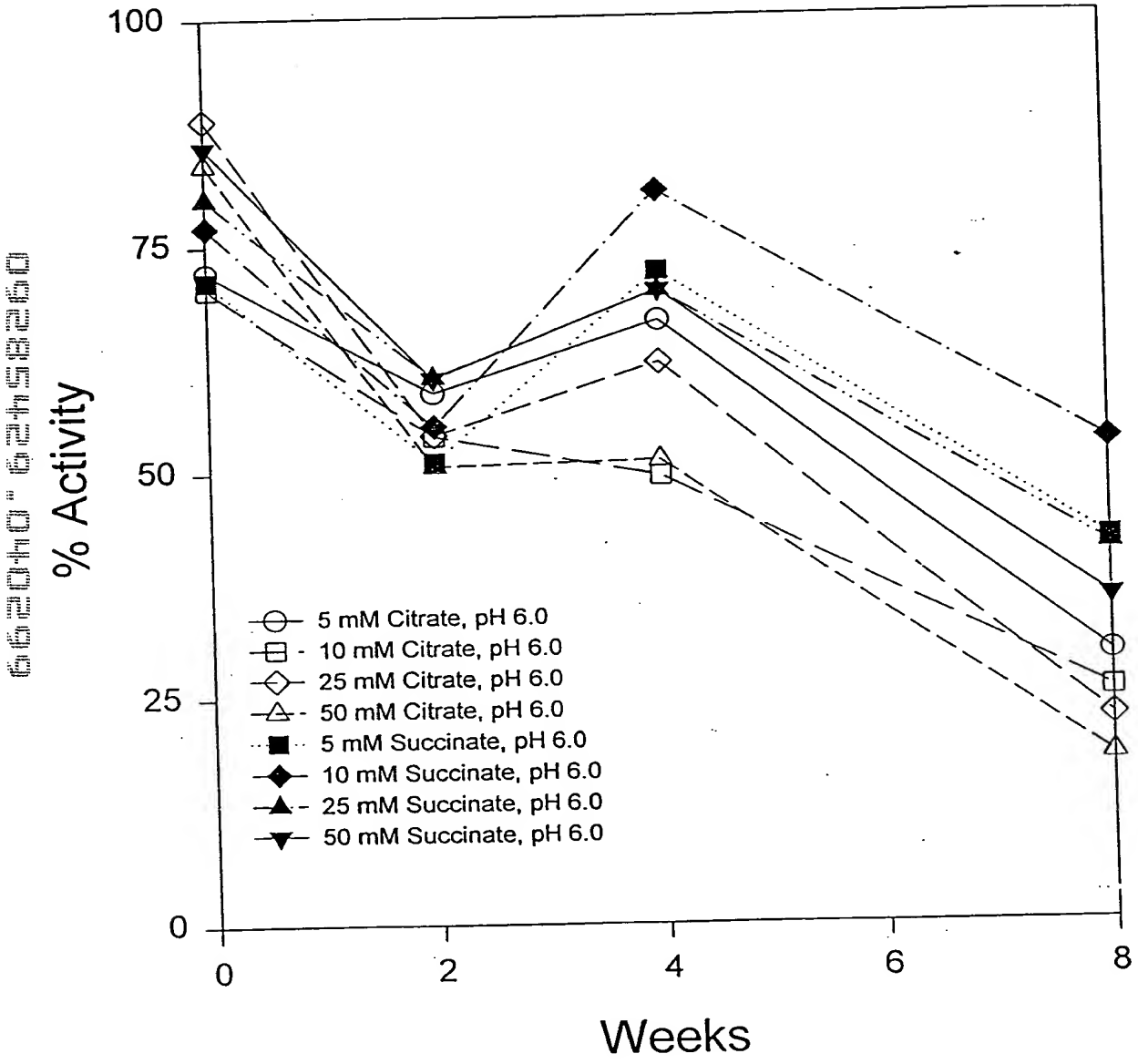

Figure 6

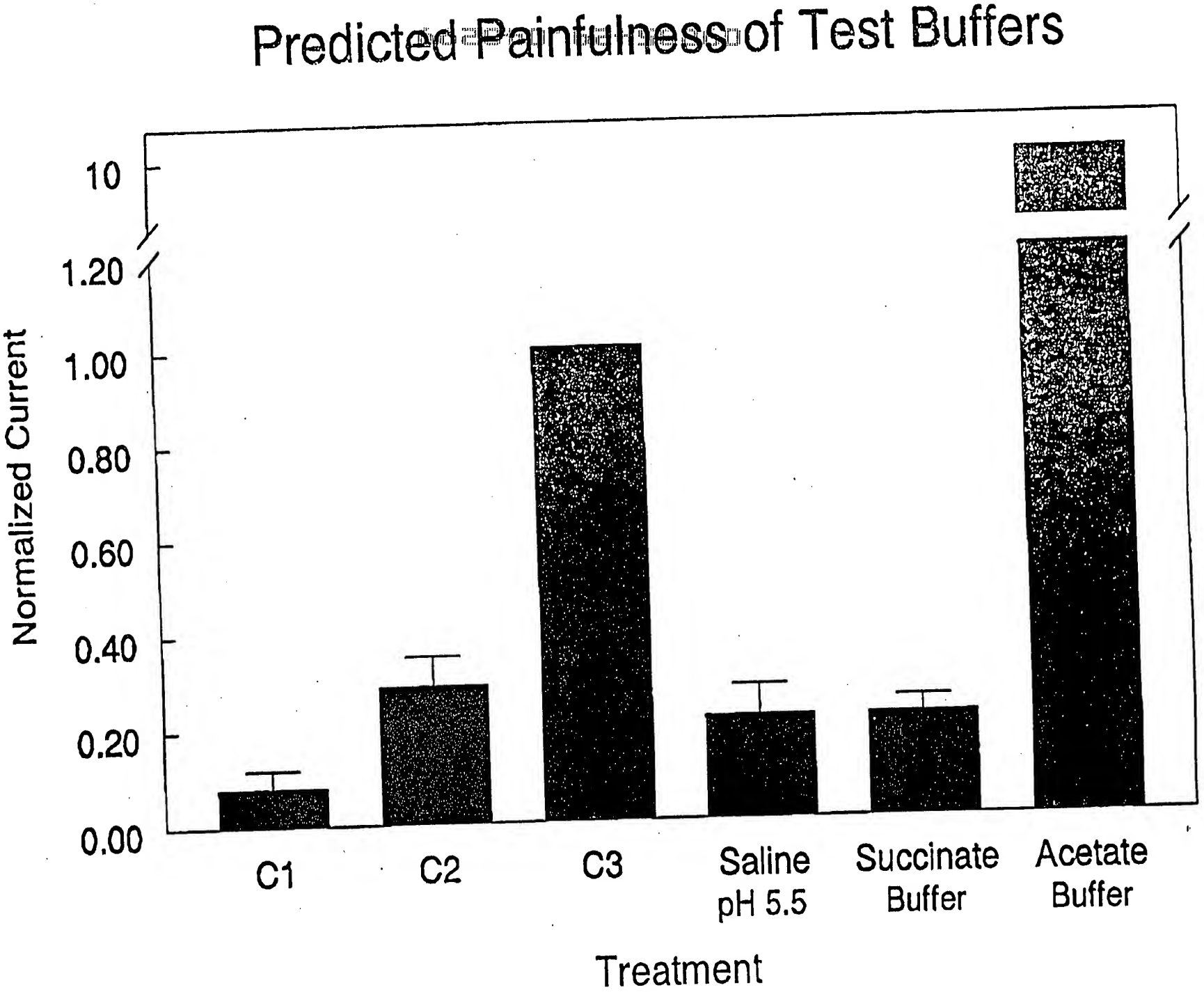
Predicted Painfulness of Test Buffers
Normalized Current
10
1.20
1.00
0.80
0.60
0.40
0.20
0.00
C1
C2
C3
Saline pH 5.5
Succinate Buffer
Acetate Buffer
Treatment

Figure 7

FIGURE 8

Study Group Design with Inflammation Grades

Group*	Vehicle Control/Test Article Designation	Site 1 (0.9% saline)		Site 2 (vehicle control)		Site 3 (test article)	
1	A	minimal	2**	minimal	3	minimal	0
		mild	0	mild	0	mild	3
		moderate	0	moderate	0	moderate	0
		severe	0	severe	0	severe	0
2	B	minimal	2	minimal	2	minimal	0
		mild	0	mild	0	mild	4
		moderate	0	moderate	0	moderate	0
		severe	0	severe	0	severe	0
3	C	minimal	3	minimal	1	minimal	0
		mild	1	mild	3	mild	1
		moderate	0	moderate	0	moderate	3
		severe	0	severe	0	severe	0
4	D	minimal	1	minimal	2	minimal	2
		mild	1	mild	0	mild	0
		moderate	0	moderate	0	moderate	2
		severe	0	severe	0	severe	0
5	E	minimal	1	minimal	2	minimal	1
		mild	1	mild	0	mild	3
		moderate	0	moderate	0	moderate	0
		severe	0	severe	0	severe	0
6	F	minimal	2	minimal	2	minimal	1
		mild	0	mild	0	mild	3
		moderate	0	moderate	0	moderate	0
		severe	1	severe	0	severe	0

*four rabbits/group

** number of animals with inflammation grade, max score = 4